

Practice 6-7

Changing Units in the Customary System

Complete each statement.

1. $7\frac{1}{2}$ ft = _____ yd

2. 45 in. = _____ ft

3. 28 fl oz = _____ c

4. $2\frac{3}{4}$ T = _____ lb

5. 3 lb = _____ oz

6. 10 pt = _____ qt

Add or subtract.

7. $\begin{array}{r} 8 \text{ ft } 3 \text{ in.} \\ - 3 \text{ ft } 5 \text{ in.} \\ \hline \end{array}$

8. $\begin{array}{r} 12 \text{ qt } 1 \text{ pt} \\ + 11 \text{ qt } 1 \text{ pt} \\ \hline \end{array}$

9. $\begin{array}{r} 9 \text{ yd } 15 \text{ in.} \\ + 7 \text{ yd } 28 \text{ in.} \\ \hline \end{array}$

10. $\begin{array}{r} 105 \text{ lb } 8 \text{ oz} \\ - 98 \text{ lb } 12 \text{ oz} \\ \hline \end{array}$

11. $\begin{array}{r} 3 \text{ c } 7 \text{ fl oz} \\ + 4 \text{ c } 6 \text{ fl oz} \\ \hline \end{array}$

12. $\begin{array}{r} 13 \text{ yd } 2 \text{ ft} \\ - 6 \text{ yd } 1 \text{ ft} \\ \hline \end{array}$

Solve.

13. The odometer of an automobile shows tenths of a mile.
How many feet are in $\frac{1}{10}$ mi?
- _____

14. How many inches are in one mile?
- _____

15. Jarel bought 3 containers of cottage cheese, each weighing 24 oz.
How many pounds did she buy?
- _____

Use <, =, or > to complete each statement.

16. $4\frac{1}{3}$ ft ☐ 50 in.

17. 136 oz ☐ $8\frac{1}{2}$ lb

18. 26 fl oz ☐ 3 c
